

LIVERS

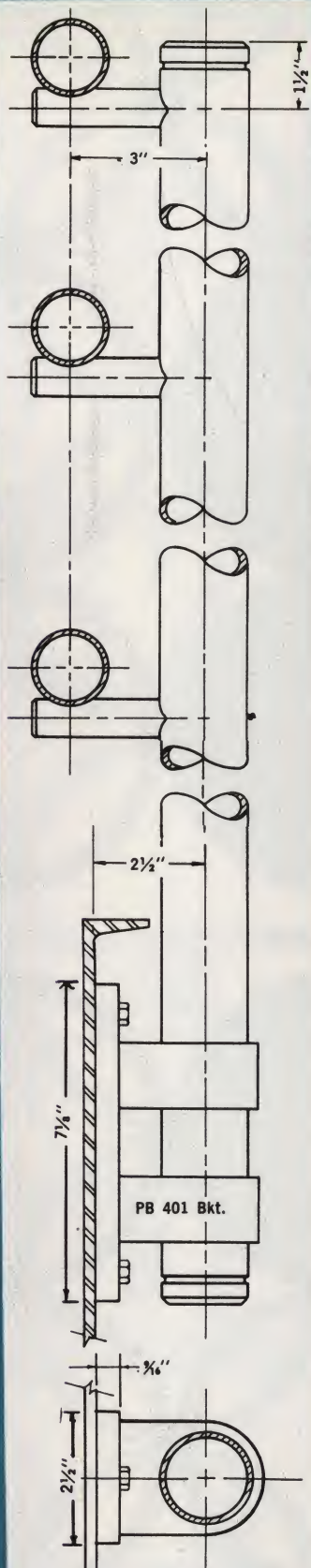
BRONZE

RAILINGS / PLAQUES / LETTERS / GRILLES / CROSSES

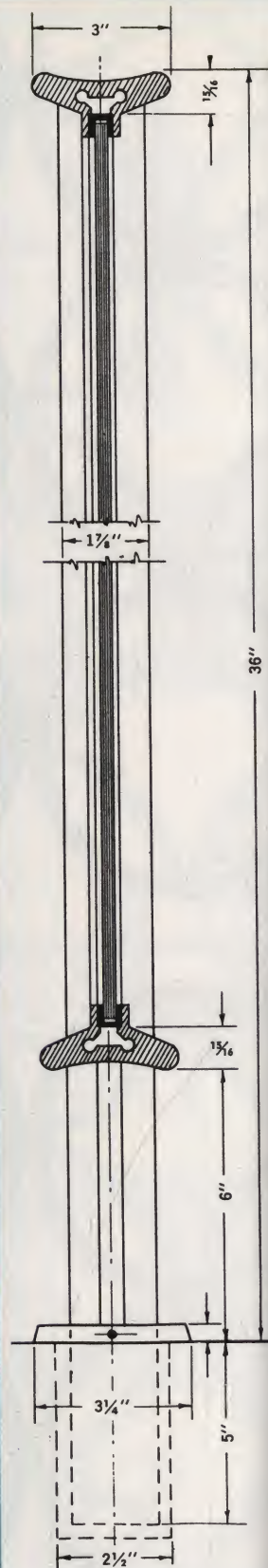
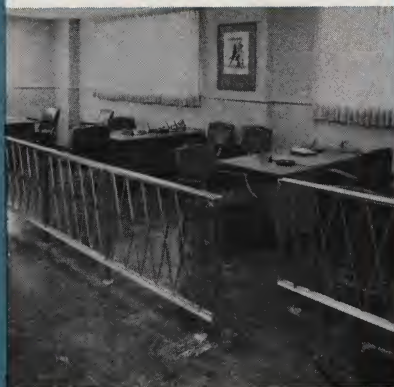
1608
SOUTH MARSH
KANSAS CITY 26,
MISSOURI

LIVERS THRIFT-RAIL

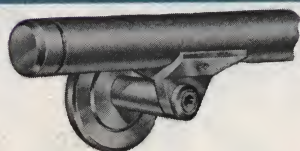
Completely
Interchangeable
Post—Rails—Screens
Choose any combination
To suit your needs.
See Pages 2-7



Commercial National Bank, Muskogee, Okla.
Horstmann & Mott, Architects



I. P. S. Alum. pipe rails
RP. 204 Post
PB. 401 Post Bracket
S. 602 Connectors



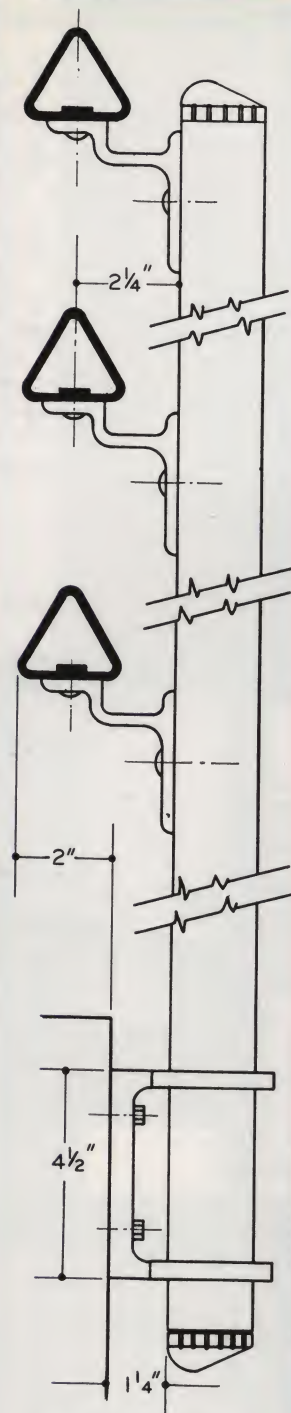
WB. 1010 Wall Bracket
I. P. S. Alum. pipe rails

R. 102 Handrail
P. 302 Post
F. 702 Floor Flange

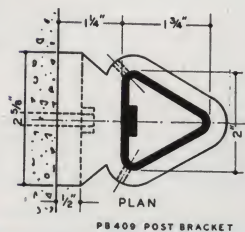
Panels can be glass,
Plastic, plywood, expanded
aluminum, perforated
grilles or woven wire



R. 102 hand rail
WB. 1008 Wall Bracket

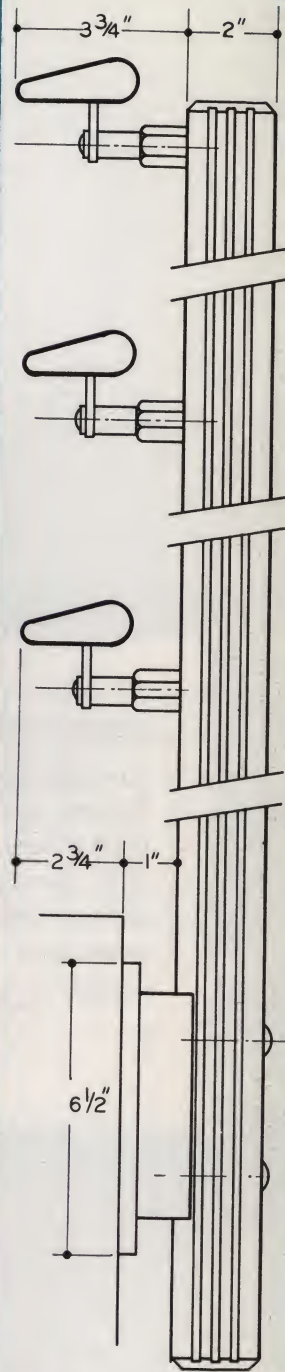
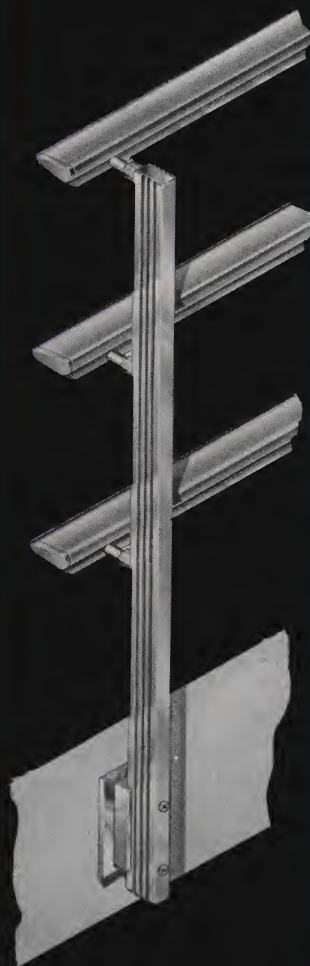


R 109 TUBE • RP 109 POST • PB 409 BKT.
S 605 CONNECTOR • T 813 TERMINAL

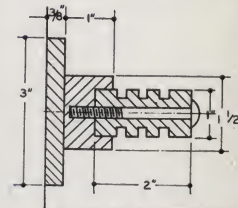


PB 409 POST BRACKET

- R. 110
- R. 109
- R. 108
- R. 107
- R. 104
- R. 100
- R. 105
- R. 102



R 107 RAIL P 306 POST PB 410 BKT. S 606 CONN.



PLAN PB 410 POST BKT.

R. 109 Tube Rail
RP. 109 Tube Post
T. 813 Tube Terminal
PB. 409 Post Bracket
F. 716 Post Flange
S. 605 Connectors

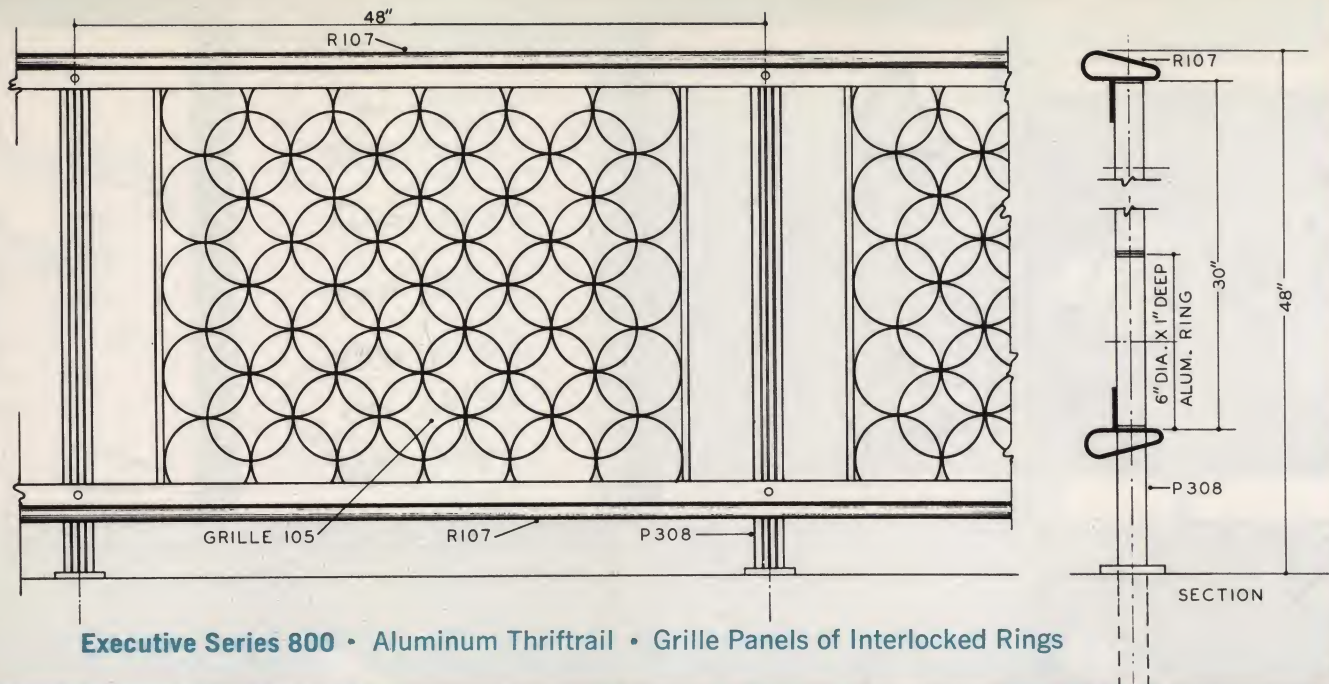


WB. 1007 Wall Bracket
R. 109 Tube Rail

R. 107 Tube Rail
P. 306 Post
PB. 410 Post Bracket
F. 717 Post Flange
T. 814 Tube Terminal
S. 606 Connectors

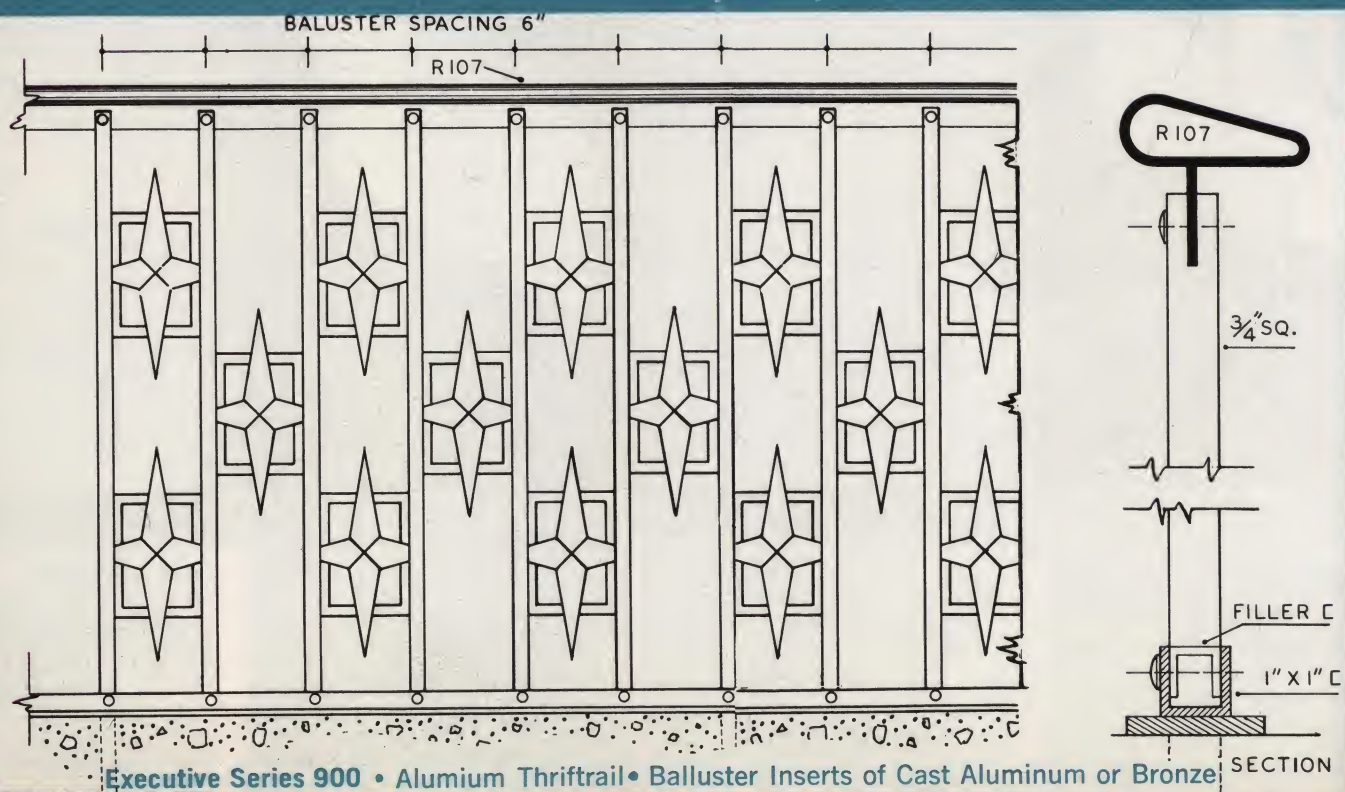


WB. 1009 Wall Bracket
R. 107 Tube Rail



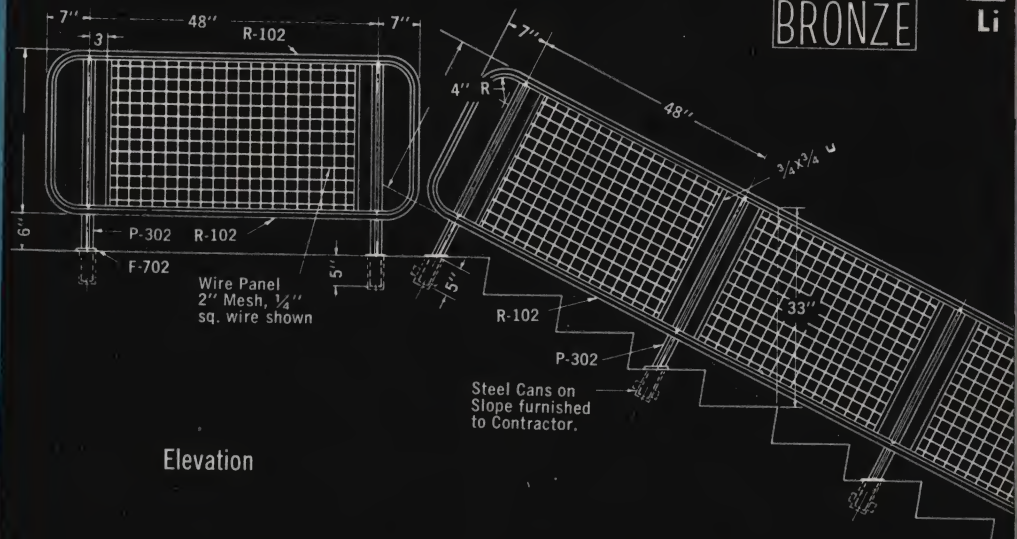
THRIFT-RAILS AS SHOWN ON PAGES 2 THRU 7

are completely fabricated and finished by Livers Bronze. Hundreds of installations have proven their thriftiness and adaptability. All parts—post, rails, screens, completely interchangeable. Now, stronger and even more attractive. Specify Livers Thrift-Rails. Built to keep the bid within the budget.

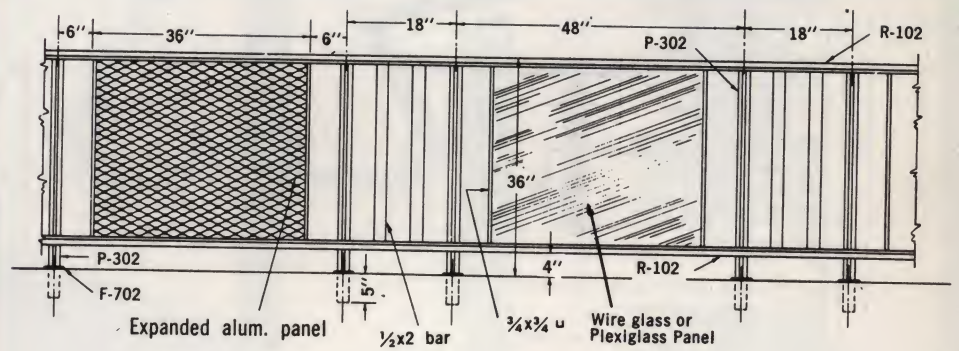


Many materials can be utilized for the panels in these railings. Woven wire, glass, expanded aluminum, plastic, pickets, cast or perforated grilles and veneered plywoods are all appropriate.

Municipal Airport Terminal, Kansas City, Mo.
Cooper, Robinson, Carlson & O'Brien, Architects



Elevation



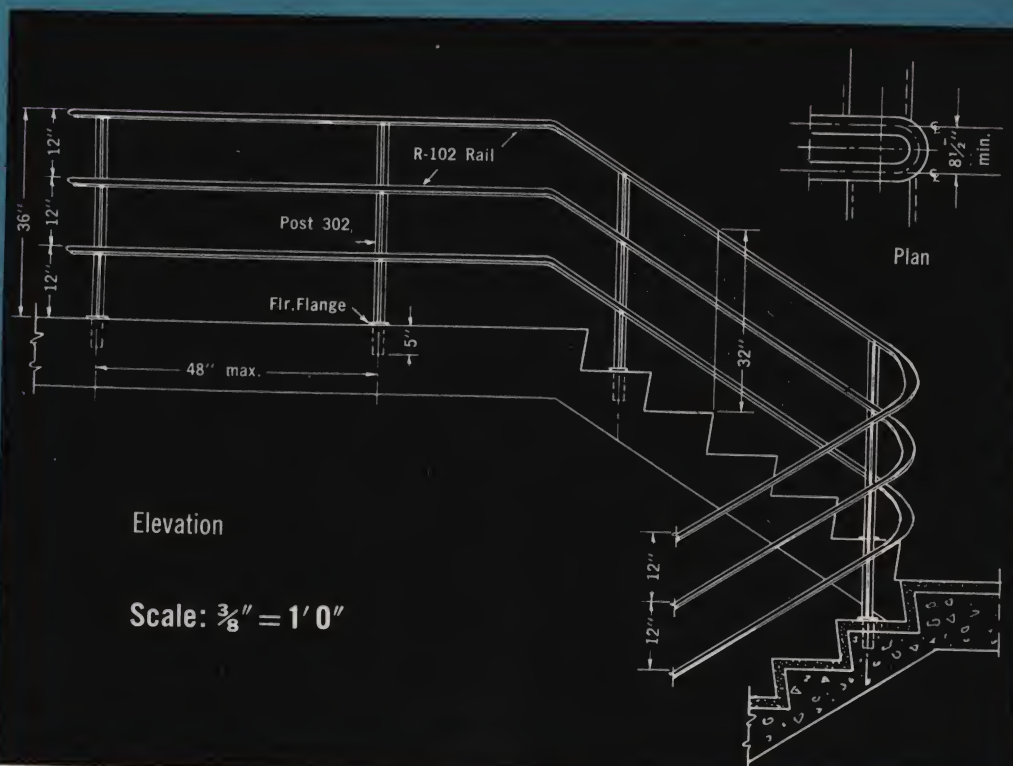
Elevation



Hovland-Swanson Store, Lincoln, Neb.
Herbert B. Beidler, Architect



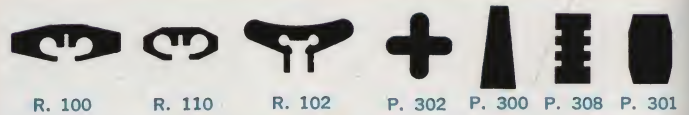
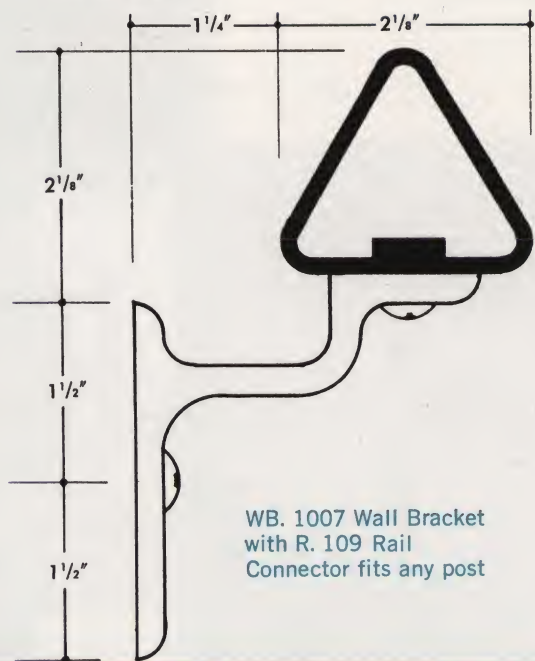
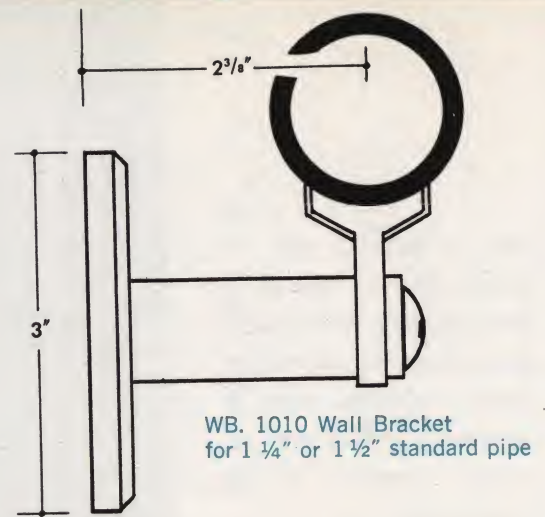
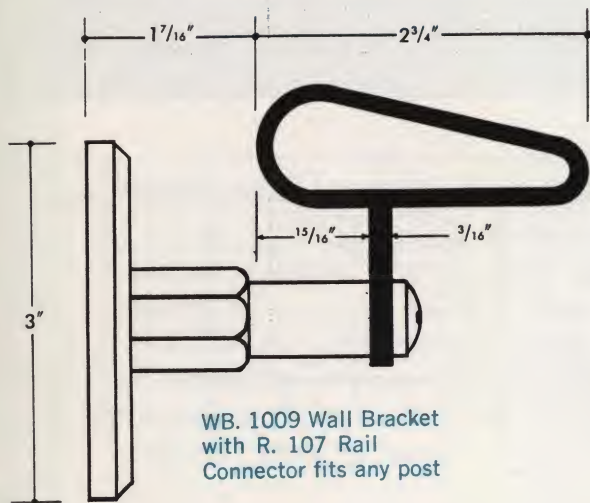
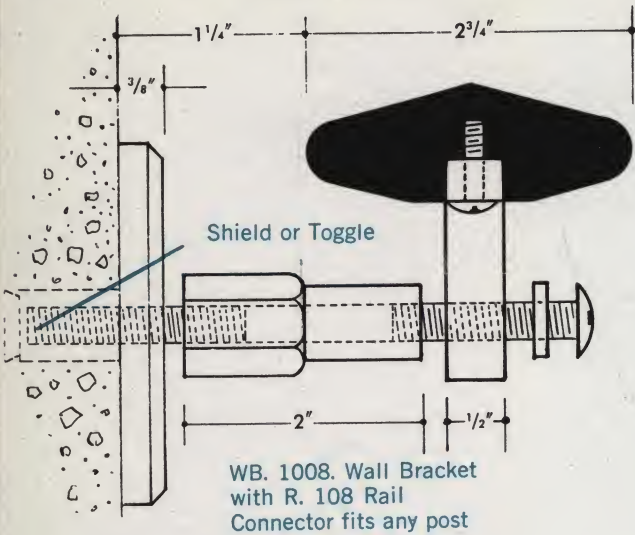
Love Field Terminal, Dallas, Texas
Broad & Nelson, Architects



Elevation

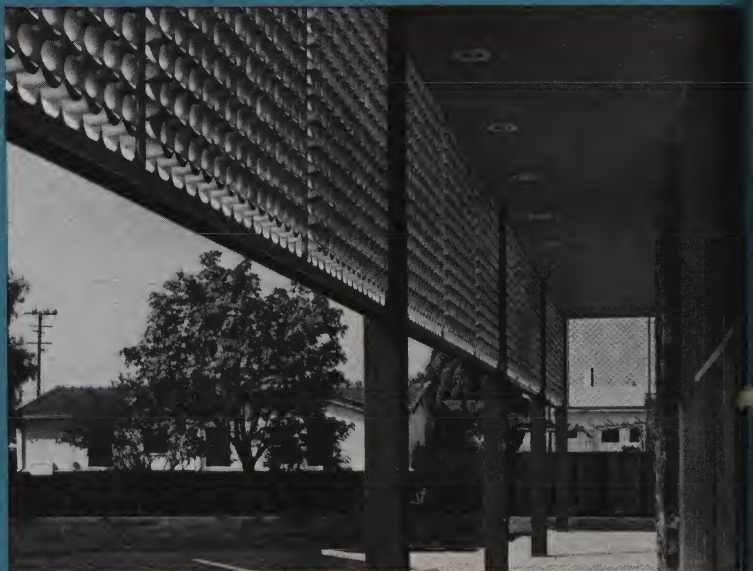
Scale: $\frac{3}{8}'' = 1' 0''$

CONNECTORS FOR POSTS AND WALL BRACKETS



FINISHES—For all interior railings we recommend a fine satin finish with a protective coating of clear lacquer. For exterior railings a fine satin finish with alumilite or anodized protective coating.

MATERIALS—All extrusions are made of 6063 alloy. All castings are made of F. 214 alloy ingot. All exposed fasteners are stainless steel.



First Federal Savings & Loan Bldg., Mountain View, Calif.
Hollis Logue, Architect

HAND RAILS AND POSTS FULL SIZE DETAILS



R 100



R 102



R 110



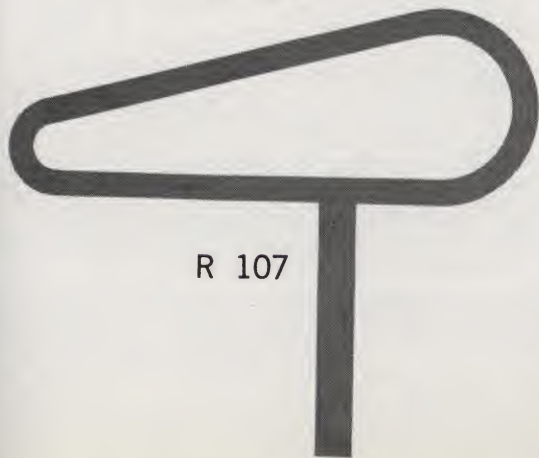
R 109



R 108



R 104



R 107



R 105

POSTS



P 302



P 308



P 301



P 300

AESCULAPIAN STAFF



325-A — 24" High
325-B — 36" High
325-C — 96" High

WINGED CADUCEUS



326-A — 24" High
326-B — 36" High
326-C — 48" High

EAGLES



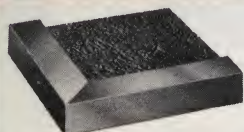
328 35" wide 24" high

327-A 19" wide 16" high
327-B 38" wide 31" high

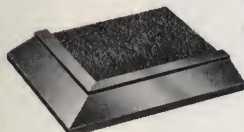
BORDER DESIGNS

PLAQUES

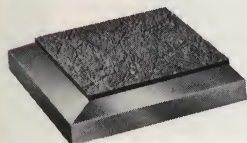
These well modeled emblems can be cast in either bronze or aluminum at moderate cost. Special sizes made on request.



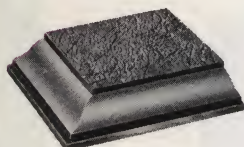
No. 300



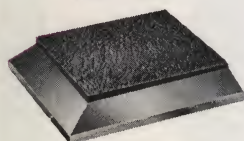
No. 301



No. 302



No. 303



No. 304

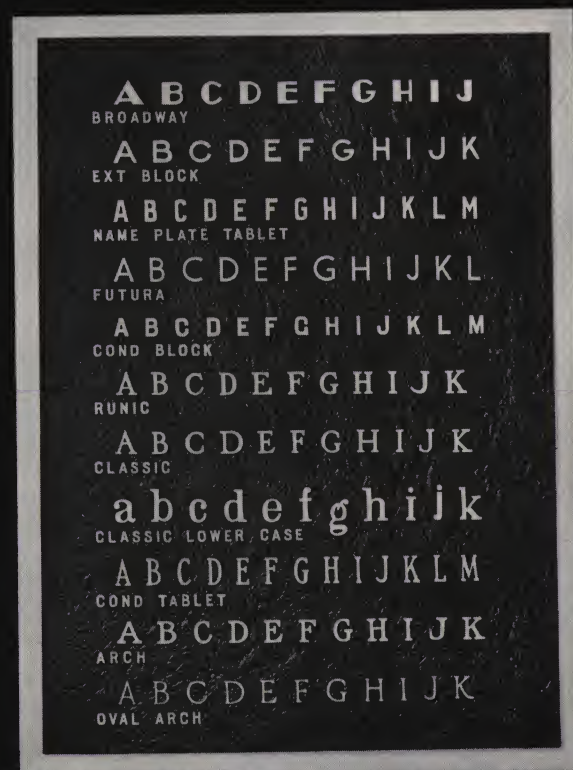


No. 305

To specify or to order
a plaque use the fol-
lowing procedure:

1. Give height and width.
2. Select a border style from those at left.
3. Select a letter style from those shown at right.
4. Send in the inscription with a suggested layout.
5. Specify cast bronze or cast alum.
6. Finishes for bronze, satin or polished with a dark field & 2 coats clear lacquer.
7. Finishes for aluminum satin, etch & lacquer. Satin & aluminite. Field charcoal or natural.

Proof rubbings are
forwarded for check-
ing and approval. De-
livery 3 weeks.



Letter sizes are as follow:

1/4	3/8	1/2	5/8	3/4
1	1 1/4	1 1/2	1 3/4	2

LIVERS CAST ALUMINUM OR BRONZE LETTERS

LIVERS
BRONZE

BROADWAY
500

BRO

A B C D E F G H I J K L M N
O P Q R S T U V W X Y Z 1 2

LIVERS
MODERN
400

BCT

A B C D E F G H I J K L M
N O P Q R S T U V W X Y Z

FUTURA
300

FUT

A B C D E F G H I J K L M N
O P Q R S T U V W X Y Z 1 2

KABEL
300

EHK

A B C D E F G H I J K L M N
O P Q R S T U V W X Y Z 1 2

RIBBON
200

ANE

A B C D E F G H I J K L M N
O P Q R S T U V W X Y Z 1 2

BISCAYNE
500

AER

A B C D E F G H I J K L M N
O P Q R S T U V W X Y Z & 3

CONDENSED
RIBBON
200

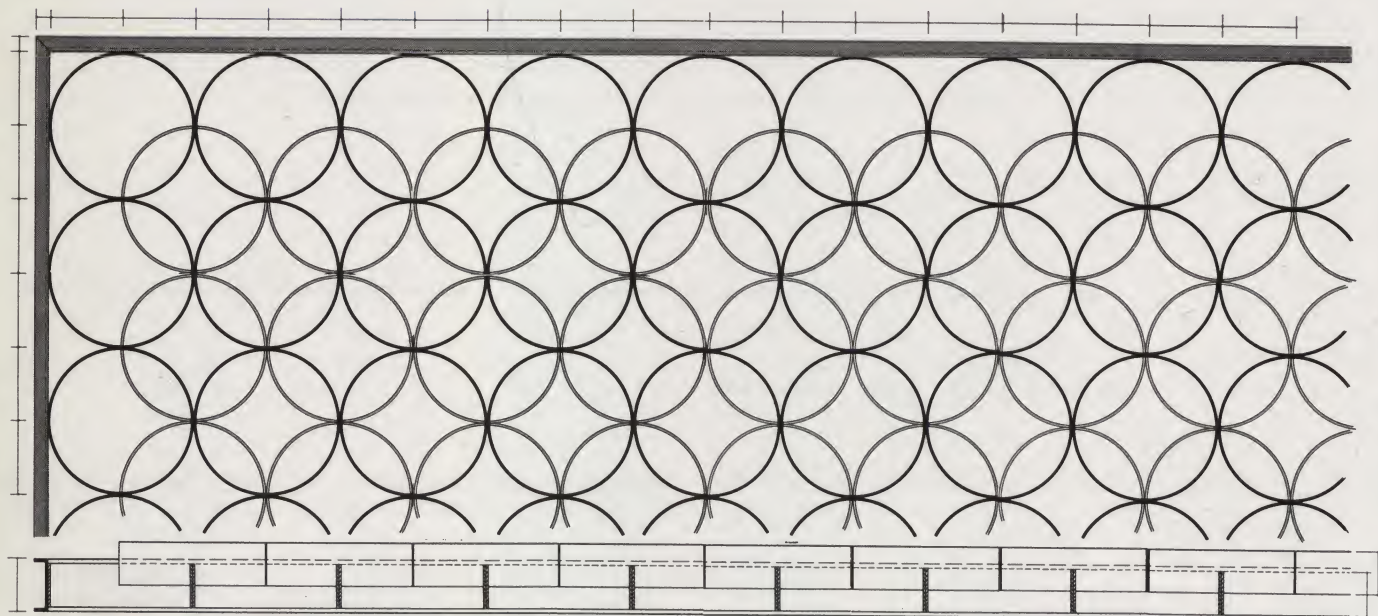
EHK

A B C D E F G H I J K L M N O
P Q R S T U V W X Y Z & 1 2 3

SATIN, ETCHED & LACQUERED Faces are machined and satined. Returns are sandblasted.
SATIN ALUMILITE Faces are machined and satined. Returns are sandblasted.
BAKED ENAMEL Faces are machined. Returns are sandblasted. Color as selected.
SATINED BRONZE Faces are machined. Returns are sandblasted. Color as selected.

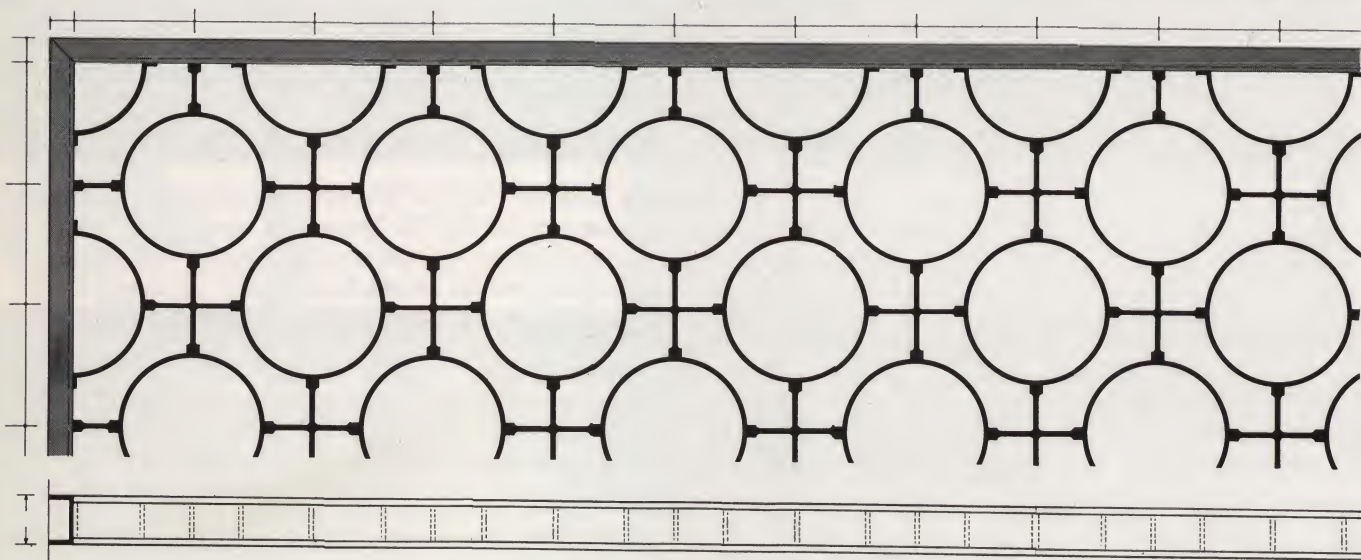


Sizes & Dimensions	Letter Height	2"	3"	4"	5"	6"	8"	10"	12"					
100 Futura	Stroke	3/4		3/4	1 1/4	1 1/4	1 1/4	2 1/4	2 1/4	3	3 1/4	3 1/4		
	Depth	1/2		1/2	1/2	1	1 1/4	1 1/4	1 1/4	1 1/2	2 1/4	2 1/4		
200 Ribbon	Stroke	1/2	3/4	3/4	3/4	1	1 1/4	1 1/4	1 1/4	2 1/4	2 1/4	2 1/4		
	Depth	1/4	1	1 1/4	1 1/4	2	2	2	2	2 1/4	2 1/4	2 1/4		
300 Kabel	Stroke	1/4	1/2	1/2	1/2	1/2	1 1/4	1 1/4	1 1/4	1 1/4	2	2 1/4	2 1/4	
	Depth	1/4	3/4	3/4	3/4	1	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	
400 Livers Mod.	Stroke			3/4		1	1 1/4	1 1/4	1 1/4	2	2 1/4			
	Depth			1		1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	2 1/4			
500 Broadway	Stroke	3/4	3/4			1-2	2 1/4-3/4	1 1/4-2 1/4	1 1/4-3 1/4	1 1/4-4	2-4 1/4	2 1/4-5		
	Depth	3/4	3/4			1	1	1	1	1	1	1 1/4		
600 Biscayne	Stroke			1/2		1 1/4	1 1/4	1 1/4	2 1/4					
	Depth			1/4		1/4	1/4	1/4	1/4					
700 Cond. Ribbon	Stroke			1/4		1/4	1/4	1/4	1/4					

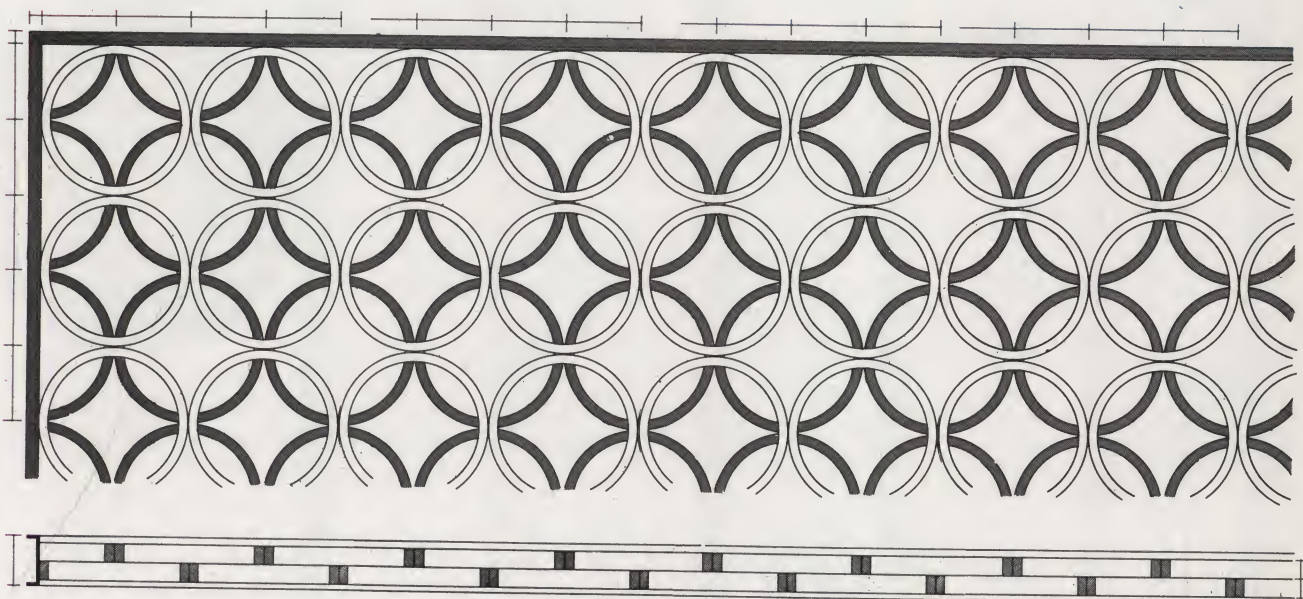


No. 105. GRILLE OR SOLAR SCREEN—Modules 5", 6", 7", 8", 10", 12" diameters. Regular depth 3". The equivalent of two 2" deep offset rings. When used as a solar screen specify depth or shielding angle required.

The use of grillage for exterior and interior ornamentation is growing rapidly. Livers Bronze has met this demand by developing attractive and practical grillage at low cost. Our grillage is ingeniously designed to reduce fabrication costs to the lowest possible factors, consistent with good construction. Estimates will be furnished to insure that grillage costs are within the budget.

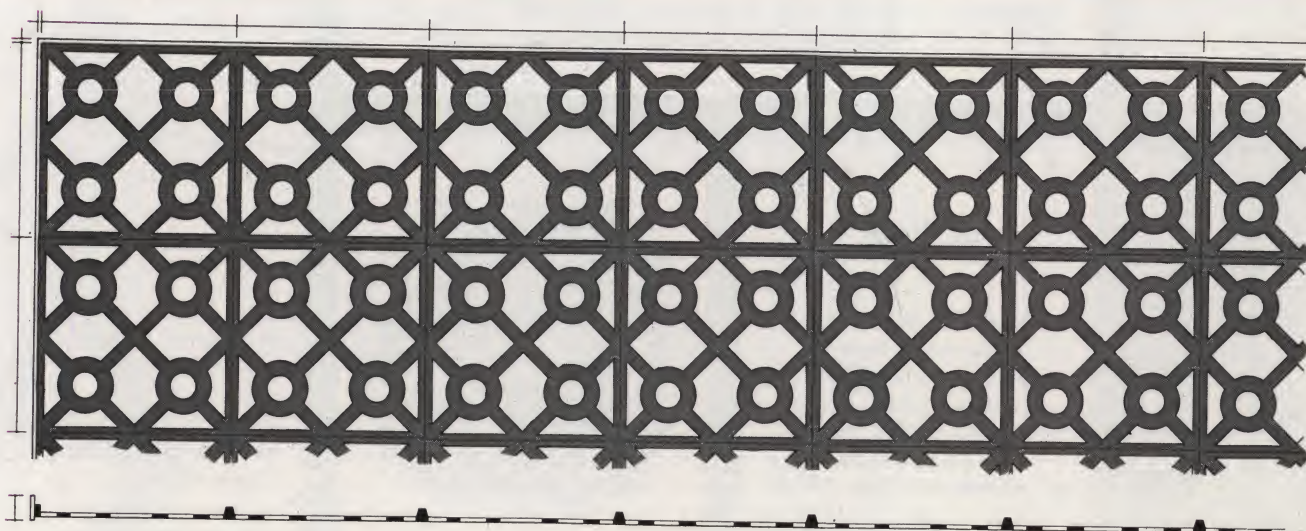


No. 107. GRILLE OR SOLAR SCREEN—Modules 10" center to center. Regular depth 1½". When used as a solar screen specify the depth or shielding angle desired.



No. 101 GRILLE With offset rings (Rings are cast or fabricated). Modules 6", 7", 8", 10" and 12" diameters. Regular depth 1½". The equivalent of two rings ¾" deep.

SPECIFICATIONS—Aluminum extrusions are 6063-T5 alloy. Aluminum castings are F-214 alloy. Bronze casting 85-5-5-5 alloy. All fasteners are aluminum or stainless steel. Aluminum members are satin finished on faces, returns are mill conditioned, etched and lacquered. Bronze members are satined on faces with returns sandblasted and lacquered. Baked enamel finish can be supplied on aluminum. Anodized finishes available in natural or colored aluminum.



No. 109 GRILLE Cast aluminum or bronze. Modules 12" center to center of grilles. Regular Depth ¼" through cast grilles.



No. 100



No. 200



No. 300

STANDARD SIZES FOR CROSSES

Height	3'-0	4'-0	10'-0	5'-0	6'-0	8'-0	12'-0
Width	1'-6	2'-0	5'-0	2'-6	3'-0	4'-0	6'-0
Sq. Tubing	1 1/2"	1 1/2"	3"	1 3/4"	2"	2 1/2"	4"
Rect. Tubing	1x2	1x2	1 3/4x5	1 1/2x2 1/2	1 3/4x3	1 3/4x4	1 3/4x5

Finish Satin & Lacquered • Sandblast returns
Construction Welded with ends closed
Anchoring Supplied as required for job conditions
Material Aluminum or bronze • Gold leafed if desired
 Special crosses fabricated to architects details

ST. MARK

Emblems of the four evangelists, Mathew, Mark, Luke and John. Casting is 32" in diameter and is made in either bronze or aluminum. The emblem shown is that of St. Mark, the other three are available.



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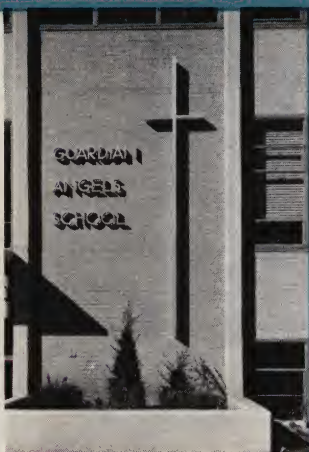
SCHULTZ-DEWEY AND CO.
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SUPERSINE CO.
Detroit, Michigan

TOPEKA BUILDERS SUPPLY INC.
Topeka, Kansas

CLARK BUILDING MATERIAL CO.
Jackson, Miss.

For further details on all Livers thrift-fabrications, write today to the Livers agent in your region or directly to the plant.
Livers Bronze
 P. O. Box 6206
 Kansas City 26, Mo.



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